

100 OR BUST!

Think zero is a big nothing? Think again! Here is a game where zero can help you win—or make you lose.

YOU NEED

- 2 charts like the one below (one for you and one for a friend)
- 1 die

ROUND	TENS	ONES	RUNNING TOTAL
ROUND 1			
ROUND 2			
ROUND 3			
ROUND 4			
ROUND 5			
ROUND 6			
ROUND 7			



DIRECTIONS

To play, players take turns rolling the die for seven rounds, filling in their charts after each turn. To fill in your chart, write the number rolled in either the tens or the ones column. Put a zero in the other column. Keep track of your running total. For example, if you roll a 6, you can write either

ROUND	TENS	ONES	RUNNING TOTAL
ROUND 1	0	6	6

or

ROUND	TENS	ONES	RUNNING TOTAL
ROUND 1	6	0	60

The winner is the player whose game total is closest to 100 without going over. Be careful! Use the tens column wisely, or you'll go over 100.

HOW WINDY IS IT?



YOU NEED

scissors

pencil with eraser

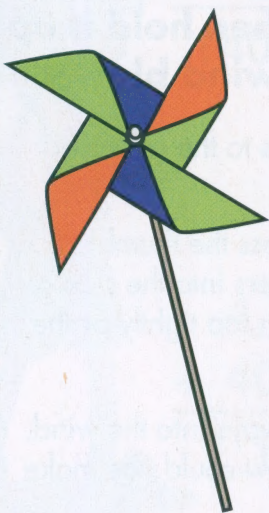
pushpin or thumbtack

1. Cut out the pinwheel on the solid lines. Then cut along the dotted lines. DO NOT cut into the center circle.

Make this pinwheel, then hold it up to find out how the wind blows!

2. Roll the numbered corners to the center in order from 1 to 4.
3. Ask an adult to gently press the thumbtack or pushpin through the corners into the side of the eraser. Don't push it in too tightly or the pinwheel won't turn.
4. Hold your pinwheel sideways into the wind. How fast does it spin? How could you make it spin faster?

HOW WINDY IS IT?



BIANCA'S BODY MATH

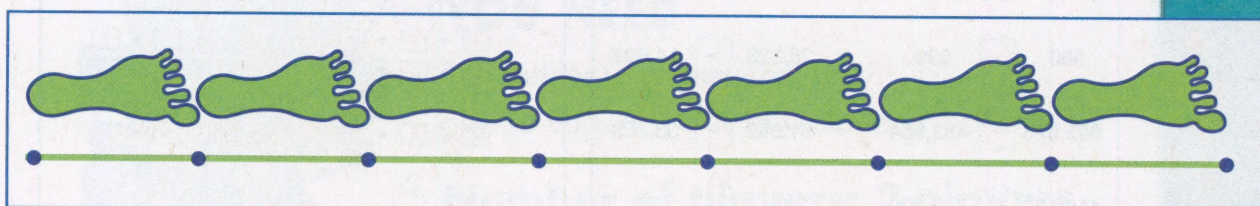
Did you know that for a lot of people, their foot is the same length as their forearm? Find out if it's true for you!

YOU NEED

piece of string (a little longer than your height), black marker

DIRECTIONS

First, start at the end of your string and mark off seven of your foot-lengths.



Now use the string to measure the body parts listed below. Have a friend help. Be sure to measure from one black mark on the string to the next.



MEASURE

About how many foot lengths?

From wrist to elbow (forearm)

Around widest part of your fist

Around your forehead

From head to toe

WHO KNEW?


A person's height is often the same as his or her arm span (arms out to side, middle fingertip to middle fingertip). Is yours?

ANSWERS


Page 3

67	>	62	710,231	>	690,749
685,089	<	712,853	630	>	323
9,308	>	8,516	7,284	<	8,440
958	>	544	867	>	346
580	>	539	28,328	>	14,892
802,625	>	483,954	61,582	>	33,553
418,137	<	749,309	85	>	25
75,777	<	81,760	24,262	<	44,866
8,678	>	8,461	57	>	14


Page 4

1. 


$$\begin{array}{rcl} 6 & + & 8 = 14 \\ 8 & + & 6 = 14 \\ 14 & - & 8 = 6 \\ 14 & - & 6 = 8 \end{array}$$

4. 


$$\begin{array}{rcl} 8 & + & 5 = 13 \\ 5 & + & 8 = 13 \\ 13 & - & 5 = 8 \\ 13 & - & 8 = 5 \end{array}$$

2. 


$$\begin{array}{rcl} 5 & + & 2 = 7 \\ 2 & + & 5 = 7 \\ 7 & - & 2 = 5 \\ 7 & - & 5 = 2 \end{array}$$

5. 

$$\begin{array}{rcl} 9 & + & 1 = 10 \\ 1 & + & 9 = 10 \\ 10 & - & 1 = 9 \\ 10 & - & 9 = 1 \end{array}$$

3. 

$$\begin{array}{rcl} 11 & + & 9 = 20 \\ 9 & + & 11 = 20 \\ 20 & - & 9 = 11 \\ 20 & - & 11 = 9 \end{array}$$


6. 

$$\begin{array}{rcl} 3 & + & 6 = 9 \\ 6 & + & 3 = 9 \\ 9 & - & 6 = 3 \\ 9 & - & 3 = 6 \end{array}$$

Page 5

7,	9,	11,	13,	15,	17,
17,	19,	21,	23,	25,	27,
9,	11,	13,	15,	17,	19,
19,	21,	23,	25,	27,	29,
4,	6,	8,	10,	12,	14,
2,	4,	6,	8,	10,	12,
6,	8,	10,	12,	14,	16,
8,	10,	12,	14,	16,	18,
18,	20,	22,	24,	26,	28,
12,	14,	16,	18,	20,	22,

Page 6




What time is on the clock? 8:40

What time was it 3 hours ago? 5:40

What time will it be in 4 hours? 12:40

What time was it 2 hours and 40 minutes ago? 6:00




What time is on the clock? 6:20

What time will it be in 1 hour? 7:20

What time was it 4 hours and 20 minutes ago? 2:00

What time was it 2 hours and 40 minutes ago? 3:40




What time is on the clock? 1:00

What time was it 1 hour ago? 12:00

What time will it be in 2 hours and 40 minutes? 3:40

What time will it be in 3 hours and 20 minutes? 4:20



What time is on the clock? 1:00

What time will it be in 4 hours? 5:00

What time was it 2 hours and 40 minutes ago? 10:20

What time will it be in 1 hour? 2:00

ANSWERS

Page 8

1. **5**
2. **13**
3. **16**
4. **10**
5. **2**
6. **8**
7. **12**
8. **10**
9. **13**
10. **10**



Page 9

$$\begin{array}{r} 375 \\ + 458 \\ \hline 833 \end{array}$$

$$\begin{array}{r} 464 \\ + 698 \\ \hline 1,162 \end{array}$$

$$\begin{array}{r} 513 \\ + 776 \\ \hline 1,289 \end{array}$$

$$\begin{array}{r} 932 \\ + 436 \\ \hline 1,368 \end{array}$$

$$\begin{array}{r} 597 \\ + 285 \\ \hline 882 \end{array}$$

$$\begin{array}{r} 243 \\ + 586 \\ \hline 829 \end{array}$$

$$\begin{array}{r} 519 \\ + 754 \\ \hline 1,273 \end{array}$$

$$\begin{array}{r} 464 \\ + 825 \\ \hline 1,289 \end{array}$$

$$\begin{array}{r} 443 \\ + 701 \\ \hline 1,144 \end{array}$$

$$\begin{array}{r} 399 \\ + 552 \\ \hline 951 \end{array}$$

$$\begin{array}{r} 310 \\ + 175 \\ \hline 485 \end{array}$$

$$\begin{array}{r} 696 \\ + 842 \\ \hline 1,538 \end{array}$$

Page 10

$$\begin{array}{r} 567 \\ + 324 \\ \hline 891 \end{array}$$

$$\begin{array}{r} 552 \\ + 343 \\ \hline 895 \end{array}$$

$$\begin{array}{r} 895 \\ + 446 \\ \hline 1341 \end{array}$$

$$\begin{array}{r} 375 \\ + 404 \\ \hline 779 \end{array}$$

$$\begin{array}{r} 971 \\ + 764 \\ \hline 1735 \end{array}$$

$$\begin{array}{r} 766 \\ + 695 \\ \hline 1461 \end{array}$$

$$\begin{array}{r} 850 \\ + 550 \\ \hline 1400 \end{array}$$

$$\begin{array}{r} 214 \\ + 893 \\ \hline 1107 \end{array}$$

$$\begin{array}{r} 494 \\ + 349 \\ \hline 843 \end{array}$$

$$\begin{array}{r} 410 \\ + 407 \\ \hline 817 \end{array}$$

$$\begin{array}{r} 953 \\ + 131 \\ \hline 1084 \end{array}$$

$$\begin{array}{r} 505 \\ + 133 \\ \hline 638 \end{array}$$

Page 11

$$\begin{array}{r} 707 \\ - 515 \\ \hline 192 \end{array}$$

$$\begin{array}{r} 843 \\ - 196 \\ \hline 647 \end{array}$$

$$\begin{array}{r} 442 \\ - 403 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 849 \\ - 456 \\ \hline 393 \end{array}$$

$$\begin{array}{r} 963 \\ - 843 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 492 \\ - 408 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 670 \\ - 489 \\ \hline 181 \end{array}$$

$$\begin{array}{r} 837 \\ - 806 \\ \hline 31 \end{array}$$

$$\begin{array}{r} 809 \\ - 178 \\ \hline 631 \end{array}$$

$$\begin{array}{r} 951 \\ - 907 \\ \hline 44 \end{array}$$

$$\begin{array}{r} 287 \\ - 192 \\ \hline 95 \end{array}$$

$$\begin{array}{r} 700 \\ - 487 \\ \hline 213 \end{array}$$

ANSWERS

Page 12

$$\begin{array}{r} 17 \\ \times 3 \\ \hline 51 \end{array}$$

$$\begin{array}{r} 12 \\ \times 6 \\ \hline 72 \end{array}$$

$$\begin{array}{r} 19 \\ \times 9 \\ \hline 171 \end{array}$$

$$\begin{array}{r} 11 \\ \times 5 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 11 \\ \times 9 \\ \hline 99 \end{array}$$

$$\begin{array}{r} 19 \\ \times 2 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 17 \\ \times 17 \\ \hline 289 \end{array}$$

$$\begin{array}{r} 12 \\ \times 1 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 15 \\ \times 15 \\ \hline 225 \end{array}$$

$$\begin{array}{r} 17 \\ \times 8 \\ \hline 136 \end{array}$$

$$\begin{array}{r} 18 \\ \times 9 \\ \hline 162 \end{array}$$

$$\begin{array}{r} 12 \\ \times 18 \\ \hline 216 \end{array}$$



Page 14

$$\begin{array}{r} 19 \\ \times 5 \\ \hline 95 \end{array}$$

$$\begin{array}{r} 14 \\ \times 10 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 16 \\ \times 9 \\ \hline 144 \end{array}$$

$$\begin{array}{r} 15 \\ \times 2 \\ \hline 30 \end{array}$$

$$\begin{array}{r} 14 \\ \times 4 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \end{array}$$

$$\begin{array}{r} 16 \\ \times 2 \\ \hline 32 \end{array}$$

$$\begin{array}{r} 12 \\ \times 5 \\ \hline 60 \end{array}$$

$$\begin{array}{r} 18 \\ \times 3 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 19 \\ \times 4 \\ \hline 76 \end{array}$$

$$\begin{array}{r} 17 \\ \times 4 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 13 \\ \times 11 \\ \hline 143 \end{array}$$

$$\begin{array}{r} 19 \\ \times 7 \\ \hline 133 \end{array}$$

$$\begin{array}{r} 18 \\ \times 4 \\ \hline 72 \end{array}$$

Page 16

From youngest to oldest: TW, Fluff, Inez, Creech, Matt, Slider

Page 13

$$\begin{array}{r} 10 \\ \times 0 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 6 \\ \times 13 \\ \hline 78 \end{array}$$

$$\begin{array}{r} 14 \\ \times 5 \\ \hline 70 \end{array}$$

$$\begin{array}{r} 10 \\ \times 14 \\ \hline 140 \end{array}$$

$$\begin{array}{r} 6 \\ \times 4 \\ \hline 24 \end{array}$$

$$\begin{array}{r} 13 \\ \times 4 \\ \hline 52 \end{array}$$

$$\begin{array}{r} 8 \\ \times 7 \\ \hline 56 \end{array}$$

$$\begin{array}{r} 11 \\ \times 11 \\ \hline 121 \end{array}$$

$$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$$

$$\begin{array}{r} 5 \\ \times 10 \\ \hline 50 \end{array}$$

$$\begin{array}{r} 7 \\ \times 9 \\ \hline 63 \end{array}$$

$$\begin{array}{r} 1 \\ \times 12 \\ \hline 12 \end{array}$$

$$\begin{array}{r} 13 \\ \times 7 \\ \hline 91 \end{array}$$

$$\begin{array}{r} 12 \\ \times 10 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 0 \\ \times 7 \\ \hline 0 \end{array}$$

Page 15

$$\begin{array}{r} 12 \\ \times 7 \\ \hline 84 \end{array}$$

$$\begin{array}{r} 14 \\ \times 7 \\ \hline 98 \end{array}$$

$$\begin{array}{r} 17 \\ \times 9 \\ \hline 153 \end{array}$$

$$\begin{array}{r} 11 \\ \times 2 \\ \hline 22 \end{array}$$

$$\begin{array}{r} 10 \\ \times 4 \\ \hline 40 \end{array}$$

$$\begin{array}{r} 12 \\ \times 9 \\ \hline 108 \end{array}$$

$$\begin{array}{r} 16 \\ \times 12 \\ \hline 192 \end{array}$$

$$\begin{array}{r} 18 \\ \times 9 \\ \hline 162 \end{array}$$

$$\begin{array}{r} 13 \\ \times 3 \\ \hline 39 \end{array}$$

$$\begin{array}{r} 15 \\ \times 8 \\ \hline 120 \end{array}$$

$$\begin{array}{r} 14 \\ \times 9 \\ \hline 126 \end{array}$$

$$\begin{array}{r} 13 \\ \times 18 \\ \hline 234 \end{array}$$

$$\begin{array}{r} 12 \\ \times 4 \\ \hline 48 \end{array}$$

$$\begin{array}{r} 13 \\ \times 13 \\ \hline 169 \end{array}$$

$$\begin{array}{r} 19 \\ \times 2 \\ \hline 38 \end{array}$$

$$\begin{array}{r} 15 \\ \times 4 \\ \hline 60 \end{array}$$

Page 17

4 tens, 5 ones (45); 6 tens, 3 ones (63); 8 tens, 1 one (81).

ANSWERS

Page 18

$$\begin{array}{r} 19 \\ 5 \overline{)95} \end{array}$$

$$\begin{array}{r} 16 \\ 3 \overline{)48} \end{array}$$

$$\begin{array}{r} 16 \\ 2 \overline{)32} \end{array}$$

$$\begin{array}{r} 18 \\ 4 \overline{)72} \end{array}$$

$$\begin{array}{r} 12 \\ 6 \overline{)72} \end{array}$$

$$\begin{array}{r} 14 \\ 6 \overline{)84} \end{array}$$

$$\begin{array}{r} 12 \\ 2 \overline{)24} \end{array}$$

$$\begin{array}{r} 15 \\ 3 \overline{)45} \end{array}$$

$$\begin{array}{r} 15 \\ 4 \overline{)60} \end{array}$$

$$\begin{array}{r} 16 \\ 6 \overline{)96} \end{array}$$

$$\begin{array}{r} 12 \\ 5 \overline{)60} \end{array}$$

$$\begin{array}{r} 19 \\ 4 \overline{)76} \end{array}$$

$$\begin{array}{r} 14 \\ 5 \overline{)70} \end{array}$$

$$\begin{array}{r} 12 \\ 7 \overline{)84} \end{array}$$

$$\begin{array}{r} 13 \\ 3 \overline{)39} \end{array}$$

$$\begin{array}{r} 14 \\ 2 \overline{)28} \end{array}$$

$$\begin{array}{r} 13 \\ 6 \overline{)78} \end{array}$$

$$\begin{array}{r} 15 \\ 2 \overline{)30} \end{array}$$

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$$\begin{array}{r} 17 \\ 5 \overline{)85} \end{array}$$

$$\begin{array}{r} 14 \\ 2 \overline{)48} \end{array}$$

$$\begin{array}{r} 4 \\ 8 \overline{)32} \end{array}$$

$$\begin{array}{r} 22 \\ 4 \overline{)88} \end{array}$$

$$\begin{array}{r} 6 \\ 6 \overline{)36} \end{array}$$

$$\begin{array}{r} 21 \\ 4 \overline{)84} \end{array}$$

$$\begin{array}{r} 22 \\ 2 \overline{)44} \end{array}$$

$$\begin{array}{r} 5 \\ 9 \overline{)45} \end{array}$$

$$\begin{array}{r} 20 \\ 3 \overline{)60} \end{array}$$

$$\begin{array}{r} 32 \\ 3 \overline{)96} \end{array}$$

$$\begin{array}{r} 10 \\ 9 \overline{)90} \end{array}$$

$$\begin{array}{r} 43 \\ 2 \overline{)86} \end{array}$$

$$\begin{array}{r} 16 \\ 5 \overline{)80} \end{array}$$

$$\begin{array}{r} 24 \\ 4 \overline{)96} \end{array}$$

$$\begin{array}{r} 33 \\ 2 \overline{)66} \end{array}$$

$$\begin{array}{r} 14 \\ 2 \overline{)28} \end{array}$$

$$\begin{array}{r} 9 \\ 9 \overline{)81} \end{array}$$

$$\begin{array}{r} 12 \\ 4 \overline{)48} \end{array}$$

Page 20

$$\begin{array}{r} 63.22 \\ +73.29 \\ \hline 136.51 \end{array}$$

$$\begin{array}{r} 12.74 \\ +13.49 \\ \hline 26.23 \end{array}$$

$$\begin{array}{r} 52.83 \\ +42.85 \\ \hline 95.68 \end{array}$$

$$\begin{array}{r} 48.24 \\ +27.82 \\ \hline 76.06 \end{array}$$

$$\begin{array}{r} 65.58 \\ +69.38 \\ \hline 134.96 \end{array}$$

$$\begin{array}{r} 20.27 \\ +60.26 \\ \hline 80.53 \end{array}$$

$$\begin{array}{r} 90.72 \\ +34.12 \\ \hline 124.84 \end{array}$$

$$\begin{array}{r} 92.79 \\ +91.81 \\ \hline 184.60 \end{array}$$

$$\begin{array}{r} 42.24 \\ +52.52 \\ \hline 94.76 \end{array}$$

$$\begin{array}{r} 28.84 \\ +11.53 \\ \hline 40.37 \end{array}$$

$$\begin{array}{r} 19.32 \\ +90.47 \\ \hline 109.79 \end{array}$$

$$\begin{array}{r} 97.44 \\ +82.43 \\ \hline 179.87 \end{array}$$

$$\begin{array}{r} 63.23 \\ +29.98 \\ \hline 93.21 \end{array}$$

$$\begin{array}{r} 38.73 \\ +26.57 \\ \hline 65.30 \end{array}$$

$$\begin{array}{r} 74.38 \\ +69.62 \\ \hline 144.00 \end{array}$$

$$\begin{array}{r} 84.12 \\ +70.38 \\ \hline 154.50 \end{array}$$

Page 21

$$\begin{array}{r} 79.12 \\ \times 100 \\ \hline 7912.00 \end{array}$$

$$\begin{array}{r} 52.35 \\ \times 100 \\ \hline 5235.00 \end{array}$$

$$\begin{array}{r} 76.44 \\ \times 10 \\ \hline 764.40 \end{array}$$

$$\begin{array}{r} 67.76 \\ \times 10 \\ \hline 677.60 \end{array}$$

$$\begin{array}{r} 70.51 \\ \times 100 \\ \hline 7051.00 \end{array}$$

$$\begin{array}{r} 32.47 \\ \times 10 \\ \hline 324.70 \end{array}$$

$$\begin{array}{r} 36.36 \\ \times 10 \\ \hline 363.60 \end{array}$$

$$\begin{array}{r} 25.53 \\ \times 10 \\ \hline 255.30 \end{array}$$

$$\begin{array}{r} 88.49 \\ \times 100 \\ \hline 8849.00 \end{array}$$

$$\begin{array}{r} 37.68 \\ \times 1000 \\ \hline 37680.00 \end{array}$$

$$\begin{array}{r} 79.34 \\ \times 1000 \\ \hline 79340.00 \end{array}$$

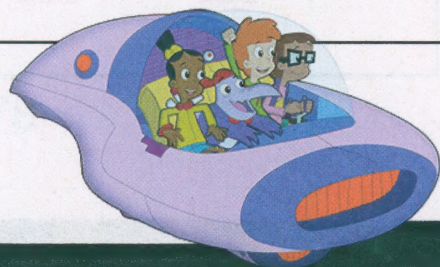
$$\begin{array}{r} 66.29 \\ \times 100 \\ \hline 6629.00 \end{array}$$

$$\begin{array}{r} 14.65 \\ \times 100 \\ \hline 1465.00 \end{array}$$

$$\begin{array}{r} 98.75 \\ \times 1000 \\ \hline 98750.00 \end{array}$$

$$\begin{array}{r} 10.98 \\ \times 10 \\ \hline 109.80 \end{array}$$











$$\begin{array}{r} 90.11 \\ \times 1000 \\ \hline 90110.00 \end{array}$$













ANSWERS

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What is the Fraction of the Shaded Area ?

1.  $\frac{5}{8}$
2.  $\frac{2}{8}$
3.  $\frac{3}{5}$
4.  $\frac{2}{5}$
5.  $\frac{3}{5}$
6.  $\frac{1}{2}$
7.  $\frac{7}{8}$
8.  $\frac{3}{4}$
9.  $\frac{6}{8}$
10.  $\frac{1}{8}$

Shade the Figure with the Indicated Fraction.

11.  $\frac{1}{5}$
12.  $\frac{2}{5}$
13.  $\frac{4}{5}$
14.  $\frac{1}{4}$
15.  $\frac{2}{3}$
16.  $\frac{1}{3}$
17.  $\frac{2}{4}$
18.  $\frac{4}{8}$
19.  $\frac{3}{8}$
20.  $\frac{4}{5}$

Page 23

1. $\frac{1}{3} + \frac{1}{3} = \frac{2}{3}$
2. $\frac{2}{5} + \frac{2}{5} = \frac{4}{5}$
3. $\frac{5}{12} + \frac{6}{12} = \frac{11}{12}$
4. $\frac{4}{12} + \frac{5}{12} = \frac{9}{12}$
5. $\frac{1}{10} + \frac{8}{10} = \frac{9}{10}$
6. $\frac{2}{8} + \frac{2}{8} = \frac{4}{8}$
7. $\frac{1}{4} + \frac{1}{4} = \frac{2}{4}$
8. $\frac{2}{6} + \frac{2}{6} = \frac{4}{6}$
9. $\frac{4}{11} + \frac{6}{11} = \frac{10}{11}$
10. $\frac{1}{11} + \frac{9}{11} = \frac{10}{11}$



Page 24

Start

3	1	5
4	1	2
7	3	6

90

Start

7	2	5
1	3	6
4	0	9

168

Start

3	1	0
5	2	9
8	6	1

180

Start

4	2	3
1	6	8
7	5	9

140

Page 25

Start

8	1	5
4	5	2
3	3	2

480

Start

2	2	5
0	7	6
9	1	8

252

Start

5	1	0
2	2	8
4	2	1

80

Start

2	3	3
2	6	7
4	5	2

180

ANSWERS

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3	1	2	4
4	2	1	3
1	3	4	2
2	4	3	1

4	3	5	6	2	1
6	1	2	5	3	4
2	5	6	4	1	3
3	4	1	2	6	5
5	6	3	1	4	2
1	2	4	3	5	6

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Use this chart as a reference. In each problem below, circle the greater amount.

CAPACITY:

1 PINT = 2 CUPS
1 QUART = 2 PINTS
4 CUPS = 1 QUART
1 GALLON = 4 QUARTS

LENGTH:

1 FOOT = 12 INCHES
3 FEET = 1 YARD
1 MILE = 1760 YARDS

TIME:

1 MINUTE = 60 SECONDS
1 HOUR = 60 MINUTES
1 DAY = 24 HOURS

Example: Jackie swam 60 yards and Inez swam 100 feet.

1. For dinner, Matt made 15 gallons of chili and 24 quarts of potato soup.

2. Each morning, Buzz takes 30 minutes to get ready for the day; Delete takes 1 hour.

3. Inez's cabin was 50 yards from the lake. Matt stayed in a cabin 200 feet from the same lake.



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1 cup flour, $\frac{1}{4}$ cup water, $\frac{1}{8}$ cup or 2 tablespoons of vegetable oil.

Page 28

- 1' - $9\frac{5}{8}$ "
- 6' - $5\frac{1}{16}$ "
- 4' - $11\frac{1}{8}$ "
- 7' - $29\frac{11}{32}$ "
- 7' - $2\frac{25}{32}$ "
- 7'
- 2' - $11\frac{1}{4}$ "
- 7' - $4\frac{5}{16}$ "

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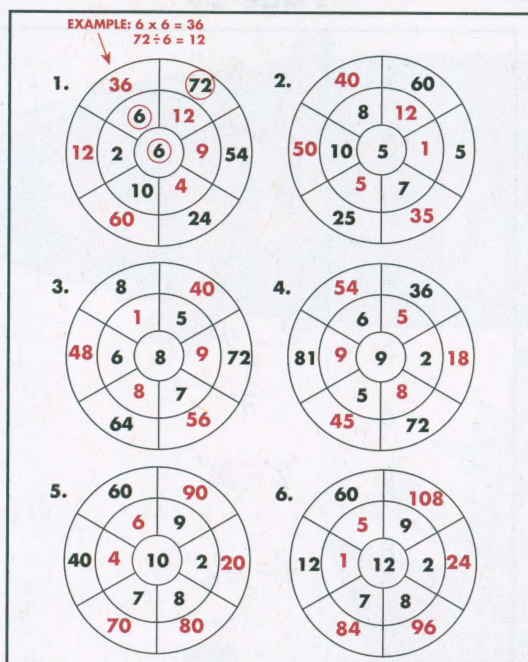
1. $\frac{1}{4}$ gallon = 32 fl oz
2. 8 pints = 128 fl oz
3. 2 quarts = $\frac{1}{2}$ gallon
4. 16 cups = 1 gallon
5. 1 cup = $\frac{1}{2}$ pint
6. 4 pints = 64 fl oz
7. 8 cups = 2 quarts
8. $\frac{1}{2}$ gallon = 64 fl oz

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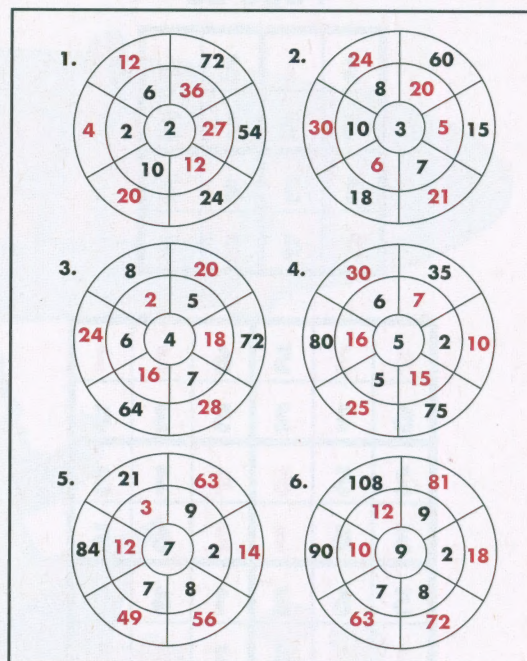
1. 3	2. 2		3. 1	0
6	7		8	
		4. 6		6. 1
5. 1	4	4		2
2			7. 1	5

ANSWERS

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Page 36

1. $8 = k - 4$
 $k = 12$

2. $-5d = -45$
 $d = 9$

3. $\frac{s}{3} = 12$
 $s = 36$

4. $6 = -5 + h$
 $h = 11$

5. $-9 = \frac{b}{2}$
 $b = -18$

6. $4x = -20$
 $x = -5$

7. $-4 = 3 + c$
 $c = -7$

8. $-40 = 5n$
 $n = -8$

9. $42 = 7v$
 $v = 6$

10. $f - 2 = 11$
 $f = 13$

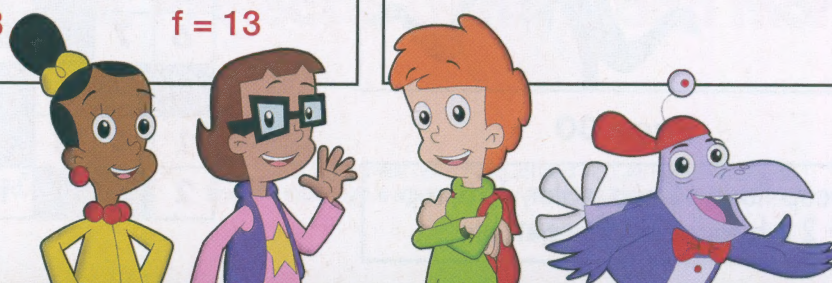
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1. $4X + 13 = 17$ $X = 1$ 2. $4X + 3 = 15$ $X = 3$

3. $5X + 20 = 30$ $X = 2$ 4. $X + 9 = 14$ $X = 5$

5. $X + 6 = 11$ $X = 5$ 6. $X + 13 = 14$ $X = 1$

7. $4X + 4 = 20$ $X = 4$ 8. $X - 2 = 3$ $X = 5$





ACTIVITY WORKBOOK



Cyberchase™



FIND YOUR WAY

Using multiplication only, find the trail of numbers that leads through each puzzle. Start in the start and work your way to the total.

Start

3	1	5
4	1	2
7	3	6
90		

Start

3	1	0
5	2	9
8	6	1
180		

8

DIVISION



To become better at anything, you have to keep trying. Even experts need practice! Work through the problems below, then check your answers.

$$5 \overline{)95}$$

$$3 \overline{)48}$$

$$2 \overline{)32}$$

$$4 \overline{)72}$$

$$6 \overline{)72}$$

$$6 \overline{)84}$$

$$2 \overline{)24}$$

$$3 \overline{)45}$$

$$4 \overline{)60}$$

$$6 \overline{)96}$$

$$5 \overline{)60}$$

$$5 \overline{)70}$$

$$7 \overline{)84}$$

$$2 \overline{)28}$$

$$6 \overline{)78}$$

10



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